IN THE CLAIMS

1. (Currently Amended) A method for controlling a power state of an ~~autonomous~~ subsystem, comprising:

    receiving from the subsystem a first message; ~~and~~

    sending a second message addressed to the subsystem based on information including the

        first message; and

    setting the power state of the ~~autonomous~~ subsystem based on the information

        ~~message~~, the setting of the power state exclusive of a main operating system.

2. (Currently Amended) The method according to claim 1, wherein the first message is selected from the group consisting of a full wakeup, a limited wakeup, a resume previous state, and a status request.

3. (Currently Amended) The method according to claim 1, wherein ~~setting the power state of the autonomous subsystem based on the message further comprises~~ the second message acknowledges~~ing~~ a received subsystem message.

4. (Canceled) The method according to claim 1, wherein receiving from the autonomous subsystem a first message is performed without involvement of the main operating system.

5. (Canceled) The method according to claim 1, wherein setting the power state of the autonomous subsystem based on the first message is performed without involvement of a main operating system.

6 - 11. (Canceled)

12. (Currently Amended) A machine-readable medium having stored thereon instructions, which when executed by a processor, causes said processor to perform the following:

receiv~~eing~~ ~~input signals~~ing from a subsystem a first message;

sending ~~communicate~~ a second message addressed to the ~~with an autonomous~~ subsystem based on information including the first message; and

setting~~determine~~ a ~~desired~~ power state for the ~~autonomous~~ subsystem based upon the information ~~received input signals and communications with the autonomous~~ ~~subsystem~~, exclusive of a main operating system~~; and~~.

~~communicate to the autonomous subsystem the desired power state.~~

13. (Currently Amended) The machine-readable medium according to claim 12, wherein the ~~receive input signals~~first message is selected from a group consisting of a full wakeup, a limited wakeup, a resume previous state, and a status request ~~comprises receiving a user initiated signal,~~ ~~or receiving a signal indicative of remaining battery capacity, or a combination of receiving a~~ ~~user initiated signal and receiving a signal indicative of remaining battery capacity~~.

14. (Currently Amended) The machine-readable medium according to claim 12, wherein ~~communicate with an autonomous subsystem further comprises the autonomous subsystem to~~the second message acknowledges a ~~communication~~received subsystem message.

15. (Currently Amended) A system, comprising:

a power state controller having an input port, an output port, and a communications

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channel;

a user input coupled to the power state controller input port;

an energy monitor signal coupled to the power state controller input port; and

an individually addressable ~~autonomous~~ subsystem coupled to the power state controller output port and the power state controller communications channel, the individually addressable ~~autonomous~~ subsystem to operate exclusive of a main operating system, wherein the power state controller receives a first message from the individually addressable subsystem, and wherein the power state controller sends a second message addressed to the individually addressable subsystem based on information including the first message.

16. (Original) The system of claim 15, wherein the user input is a switch to turn the system on and off.

17. (Original) The system of claim 15, wherein the energy monitor signal is indicative of a remaining battery capacity.

18. (Currently Amended) An apparatus for controlling subsystem power, comprising:

means for receiving ~~input signals~~ from a subsystem a first message;

means for sending a second message addressed to ~~communicating with an autonomous~~ the subsystem based on information including the first message; and

means for ~~determining a desired~~setting power state ~~for~~of the ~~autonomous~~ subsystem based upon the ~~received input signals and communications with the autonomous subsystem~~information, exclusive of a main operating system;~~ and~~

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~~means for communicating to the autonomous subsystem the desired power state~~.

19. (<u>Canceled</u>) The apparatus of claim 18, wherein ~~means for receiving input signals~~ <u>the first</u>

<u>message is selected from a group consisting of a full wakeup, a limited wakeup, a resume</u>

<u>previous state, and a status request</u>~~comprises means for receiving a user initiated signal, or means~~

~~for receiving a signal indicative of remaining battery capacity, or a combination of means for~~

~~receiving a user initiated signal and means for receiving a signal indicative of remaining battery~~

~~capacity~~.

20. (<u>Canceled</u>) The apparatus of claim 18, wherein <u>the second message</u> ~~means for~~

~~communicating with an autonomous subsystem further comprises means for the autonomous~~

~~subsystem to~~ acknowledge<u>s</u> a ~~communication~~received<u> subsystem message</u>.

21. (Currently Amended) A computer based system, comprising:

    an energy source;

    a monitoring device coupled to the energy source and providing a signal indicative of

        remaining energy capacity;

    a power state controller coupled to the signal indicative of remaining energy capacity;

    an <u>individually addressable</u> ~~autonomous~~subsystem coupled to the power state controller,

        to operate exclusive of a main operating system<u>, wherein the power state</u>

        <u>controller receives a first message from the individually addressable subsystem,</u>

        <u>and wherein the power state controller sends a second message addressed to the</u>

        <u>individually addressable subsystem based on information including the first</u>

        <u>message</u>; and

a communications link coupling the power state controller to the ~~autonomous~~ individually addressable subsystem.

22. (Currently Amended) The computer based system according to claim 21, wherein the communications link coupling the power state controller to the ~~autonomous~~ individually addressable subsystem comprises a link having lower bandwidth than a system bus in the computer based system.

23. (Canceled) The computer based system according to claim 21, wherein the communications link is operable without the use of a main operating system.

24. (New) The method of claim 1, wherein the second message includes a message selected from a group consisting of a shutdown message, a status request message, a synchronization message and a status message.

25. (New) The method according to claim 24, wherein the status message includes status information selected from a group consisting of operating mode, power efficiency, anticipated power, anticipated battery life, and operation options.

26. (New) The method according to claim 1, further comprising:

receiving the second message from a controller; and

performing an operation based on the second message.

27. (New) The method according to claim 26, wherein the second message is selected from a group consisting of shutdown, synchronize and status request.

28. (New) The method according to claim 26, wherein performing an operation based on the second message further comprises acknowledging a received controller message.

29. (New) The method according to claim 26, wherein performing an operation based on the second message is substantially performed by the subsystem.

30. (New) The machine-readable medium according to claim 12, wherein the setting of the power state comprises:

       fully waking up the subsystem;

       partially waking up the subsystem;

       resetting the subsystem;

       retrieving the previous state of the subsystem; and

       restoring the previous state of the subsystem.

31. (New) The apparatus of claim 18, wherein the setting of the power state comprises:

       fully waking up the subsystem;

       partially waking up the subsystem;

       resetting the subsystem;

       retrieving the previous state of the subsystem; and

restoring the previous state of the subsystem.

32. (New) The apparatus of claim 18, further comprising:

means for receiving input signals, wherein the information including the input signals.

33. (New) The apparatus of claim 18, wherein the input signals include a signal selected from a group consisting of a user initiated signal, a signal indicative of remaining battery capacity, a voltage level, a temperature indicator, a system signal and a current level.